

ABSTRACT

A gas chromatograph having the capability of performing a reliable measurement under a condition that the baseline of a detector output is stabilized, and a breath component analyzer using the same are provided. This gas chromatograph comprises a gas separation column accommodating a member for causing a flow delay depending on gas component; air pump for supplying an air as a carrier gas into the gas separation column; gas supply port formed in a gas flow channel extending between the air pump and the gas separation column, and adapted to supply a subject gas containing a target gas component to be detected into the carrier gas flowing in the gas flow channel; buffer tank provided upstream of the gas supply port; and a detector for detecting the gas component of the subject gas supplied into the gas separation column.